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OXC 1380-67
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7 November 1967

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MEMORANDUM FOR THE RECORD

SUBJECT: 6734 Conversation with [] Regarding Rearward Viewing Periscope

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1. On 6 November a discussion was held with [] regarding pilot's rearward view utilizing the A-12 periscope. The following information is provided:

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a. In the vertical plain most pilots extend the periscope all the way up to get the most advantageous look rearward. The periscope cannot then be adjusted vertically but can be slewed left or right approximately 10° either direction. The field of vision can be improved by the pilot moving his head which changes and sometimes appears to increase the field of vision. The pilot uses only one eye when looking into the periscope.

b. The visibility behind the aircraft appears to be better than the limits reported. Each pilot probably uses a slightly different technique and through individual practice obtains a real good view rearward of the aircraft.

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c. [] feels that [] having had the most experience in firing missiles from fighter aircraft at 60,000 feet, is probably correct in his estimate of the altitude that he reported the SA-2 missile.

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2. The following questions were asked []

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a. Can you see both inlets, the top of both vertical stabilizers and both tail cones simultaneously? His answer was both inlets, no; both vertical stabilizers and both tail cones, yes. He stated here that manufacturer tolerances resulted in each aircraft and each periscope

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